

SYSTEM AND METHOD FOR INTERFACE ISOLATION AND  
OPERATING SYSTEM NOTIFICATION DURING BUS ERRORS

ABSTRACT OF THE DISCLOSURE

5 A system and method for notifying an operating system of an error signal transmitted by a communications medium is disclosed. The communications medium connects a plurality of electronic devices. The operating system includes device drivers and is capable of configuring communications between one or more applications and the communications medium. A detector is coupled to the communications medium. The detector receives error signals transmitted by the communications medium, one or more error signals associated with one of the electronic devices. A BIOS is coupled to the detector. The BIOS is capable of determining an electronic device associated with a first error signal. The BIOS generates a hot-eject signal identifying that electronic device in response to the first error signal. The operating system blocks communications between the applications and the identified electronic device in response to the BIOS generating the hot-eject signal.

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